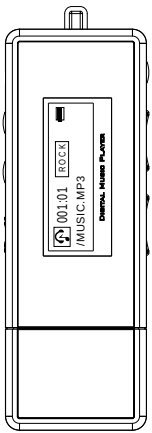
RCA

User Manual V 2.0

MP3 Digital Player



TH101/TH102/TH103/TH1010/TH1011
TH1012/TH1022/TH1032

FCC Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

In accordance with FCC requirements, changes or modifications not expressly approved by Thomson Inc. could void the user's authority to operate this product.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation . This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures

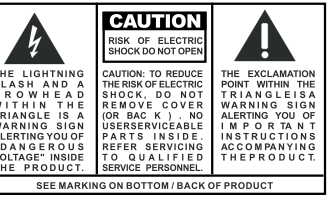
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, DC 20402. Please specify stock number 004-000-00345-4 when ordering copies.

This product complies with DHHS Rules 21 CFR Subchapter J. Applicable at the date of manufacture.

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la class B est conforme à la norme du NMB-003 du Canada

The descriptions and characteristics given in this document are given as a general indication and not as a guarantee. In order to provide the highest quality product possible, we reserve the right to make any improvement or modification without prior notice. The English version serves as the final reference on all products and operational details should any discrepancies arise in other languages.


CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN
THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USERSERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.
SEE MARKING ON BOTTOM / BACK OF PRODUCT

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

Equipment tested for compliance as a complete unit

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1)The digital player will not cause any damage to the external environment.
2)The digital player is vulnerable to distortions caused by improper operations in the external environment.
3)This unit may temporarily cease to function if subjected to electrostatic disturbance. To resume normal operation, it may be necessary to cycle the power off and back on or to remove and reinstall the battery.

Thank you for choosing our MP3 Digital Player. Please read through the user manual carefully before operating the machine in order to maximize the ability and life of our product. Please take good care of this manual for future reference. The appearance of our players shown in the manual may differ from the actual products since all pictures are based on the prototype of our models.

As some components would take up space in the flash memory, it is normal to find that the available memory size is less than normal.

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Operation notes

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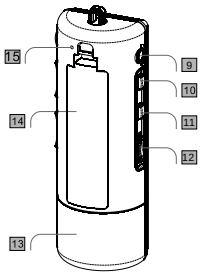
If you want to connect this player to the computer, please first connect the USB cable to the player and then to the PC. If you want to disconnect the player from the PC, please first unplug the cable from the PC. Our company will not take the responsibility for damage caused by any inappropriate operation.

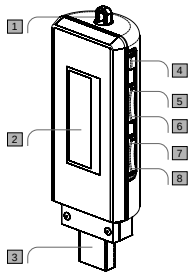
1. Do NOT replace battery or connect or disconnect with the computer when reading, writing or deleting documents
2. The digital player will operate at a slower speed when the number of document files created exceeds 50.

Overview

This player is an MP3 player with rewritable flash memory based storage device. It is user-friendly, easy to operate and provides recording ,music playback and many more functions.

Player overview:

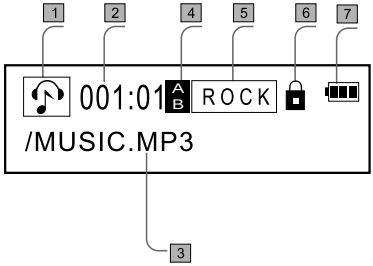




1. Neck strap loop
2. LCD
3. USB socket
4. Play on/off/pause/stop
5. Fast forward/next(FWD)
6. Rewind(REW)
7. Volume +
8. Volume -
9. Earphone socket
10. A－B/EQ/REC
11. MENU
12. Lock key
13. USB socket cover
14. Battery cover
15. Internal microphone

Note: Press the lock key to 🔒 direction to lock the player, or to 🔓 direction to unlock it.

LCD



1 Function status
2 Current file playback time
3 Track information
4 A-B
5 EQ/Playback Mode
6 Lock status
7 Battery level

Accessories

1 Installation driver disk and User Manual

2 1 X AAA battery

3 1 X USB extension cable

4 1 X Earphone (with sponge)

Product Features

- Playback MP3/WMA/WAV multi-format files
- 7 Equalizer mode options: Normal, Bass, Rock, Jazz, Class , POP& CUSTOM
- LCD screen display, 7 color backlight with more fashionable effect.
- A-B repeat function
- Long recording time
- 12 Mb full speed USB transfer
- No driver required for windows me/2000/xp (except for Windows 98SE)
- Compact, light weight and stylish design
- Multi-language Version

Operational notes

- The following operating notes are written to enable readers to correctly use the player and keep the player in good operating condition. Please read carefully and comply strictly with the notes.
- The MP3 player should be kept in areas free from extreme temperature changes (above 35 degrees C or below 5 degrees C), moisture and static electricity.
- Please do not hit the player against any hard objects; do not let foreign objects enter the inner parts of the player; do not place heavy objects on the player; do not put the player in close contact with chemicals.
- If the MP3 player will not be operated for a prolonged period, remove the battery to avoid possible damage caused by electrical leakage.
- Please avoid placing the player under direct source of light or heat emitting devices; avoid places with extreme dust and smoke.
- Please do not dismantle, repair or change this player.
- Please keep a copy of the files stored in the player as the company will not be responsible for any loss of such data.
- It is an offence of infringement of other people's intellectual rights to provide WMA or MP3 format musical documents without their prior approval.
- Do not use the player or earphone when driving or cycling.
- For the protection of your ears, please do not listen to the player at high volume for a long period of time.
- Please separate useless packaging materials, batteries and out-dated electronic products when disposing in order to protect the environment.

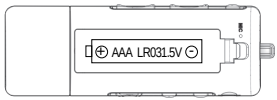
Data reference

Size (LX WXH)	86 × 29.5 × 20.5 mm(Not include USB cover)
Weight	100g
Power source	1.5V AAA battery
Encode	ISO 11172-3 (MPEG 1.0 Layer 3), ADPCM
Bit Rate:	64 Kbps-320Kbps
Frequency	8KHz-48KHz
Frequency Range	20Hz-20KHz
Distortion	(1KHz) 0.1%
Signal-Noise Ratio	>80db
MP3 Sound Track Separation >80db	
MP3 Dynamic Range	>93db
Recorder Length	16 bit
Transfer Speed	12 Mb Full Speed USB
Delivery Speed	about 4 Mbps
Power Out	>5mW x 2

Operating instructions

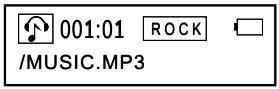
Load battery

Pull out the usb cover, open the battery compartment and load one AAA battery as directed by “+” and “-” markings.



Change battery

When the LCD displays “Low Battery”, You should replace the battery with a new one. pull out the USB cover and open the battery cover,then you can replace the old battery with a new one.

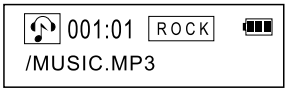


Turning the power on/off

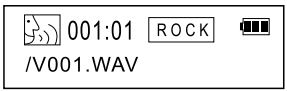
The OSD with backlight appears when ▶II button is pressed. The user can set the length for the backlight time. Press the ▶II button for an extended period the player will switch off after a few seconds and will turn off the picture on the screen. When the player is idled for a while, auto power off will activate according to the time set by user. You can also set “disable” function to let the player cancel this function.

Two functions of this player: Music playing, Voice recording

Shortly press “MENU” to select music playback mode. Then press “MENU” to confirm. Then you can play MP3 and WMA format files under this mode. The machine will automatically switch back to music mode if no operation for more than 10 seconds.



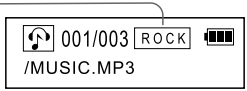
Shortly press “MENU” button to enter music mode. Press “ ⏭ ” button to select voice mode and press “MENU” button again to confirm this mode. It is the same procedure while transferring from “voice mode” to music mode.



Shortly press “MENU”, press “⏭” and “⏮” to loop between MUSIC, VOICE, EQUALIZER, REPEAT, CONTRAST, POWER SAVING, BACKLIGHT, BACKLIGHT COLOR, LANGUAGE, DELETE, ABOUT and EXIT mode. Press “MENU” to confirm and enter into the corresponding choice.（please Ref. Page 14）

When you enter music mode, the player will be in stop status as the following picture shows.

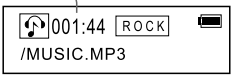
No matter under play, pause, or the stop mode, the icon will alternate as the picture shows.



Music playing function: Play/pause/stop

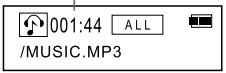
Press ▶II once to play music.

While the music is playing, the LCD shows the current playing time as the picture shows.



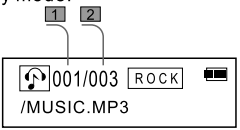
To press the ▶II again will enter pause state, press the button again to resume play.

LCD will display the pause time at the pause state.



Under play or pause mode, press and hold ▶II button once to enter the stop mode, slightly press ▶II to resume play mode.

1. The number of the current playing music
2. The total numbers of the music stored in the player



Last song and next song function

Press ▶▶| button to skip to next song, press |◀◀ button to go back to last song.

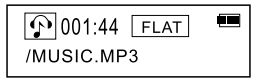
REW/FWD Button operation will cause change of song information

Note:skip to the previous file (applicable when the current file has been played for shorter than 4 seconds)
Reverse to the beginning of the current file (applicable when the Current file has been played for at least 4 seconds)

REW/FWD function

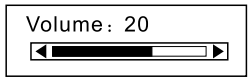
Long press on the ⏭ for FWD, resume playing while stopped press.
Long press on the ⏮ for REW function.

The current playing time may change frequently when the REW and FWD works.



VOL+/VOL-

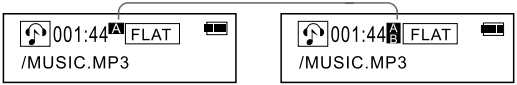
By pressing VOL+ or VOL- button, you can control the volume under either Play of Pause mode.



Repeat A-B function

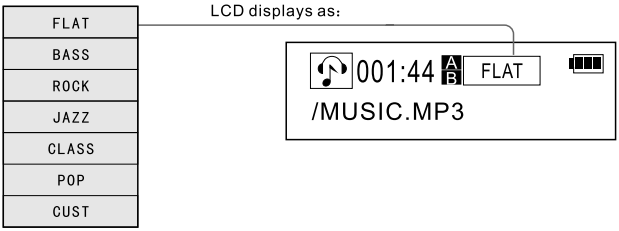
Under music/voice mode, while the player is in play or pause mode, you can press REC button to select A and B, then A-B music or voice will play continuously, particularly convenient for learning foreign languages. Switch between “A” “B” and Cancel setting by pressing Repeatedly this button.

Repeat A-B setting display



Equalizer mode

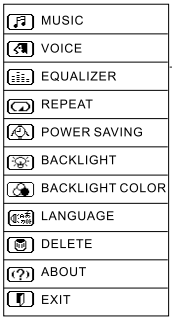
Under music or voice mode, long press REC button to do cyclical selection of the equalizer modes. The digital player has the below EQ setting (for another set method please refer to P.17)



Note: Under the stop mode, the A-B function will not work, use a long press of the REC button for EQ setting, and short press for A-B repeat function.

Advanced functions

After you are familiar with basic operation of this Mp3 player, we will describe more particular and advanced functional settings of the player to help you become an advanced user. It mainly includes the menu system contained in the “Setting” menu.



Press “MENU” and then press “⏭or⏮” button to do cyclcal selection of the choices. LCD display as.

Menu function

Shortly press Menu button to enter the above functions. Press “ ⏭ ” or “ ⏮ ” to do cyclical selecting of the above 12 functions and press “MENU” to confirm your choice.

Note：Apart from the recording mode that denies access to menu options ,you can make your setting in play, pause or stop mode. The digital player will return to play mode (the last setting mode), automatically if idle for 10 seconds in this selection.

Music mode

This is the default mode of the digital player. You can play MP3 or WMA music files under this mode. You can also operate the songs with functions of REW、FWD, Volume Adjustment, Sound Effect Setting, Repeat and Sequence (Refer to page 10-12).

Voice mode

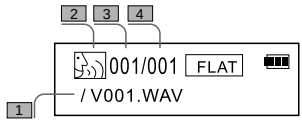
Under the music mode, press “MENU” button and “⏭” button to select voice mode then press “MENU” button to confirm. Under voice mode, you can select play/record/repeat/A-B/REW/FWD/VOL+,VOL-/EQ setting.

1.Play/REW/FWD/VOL+,VOL-(Ref. P. 10-11)

2.Recording

Under voice mode, the LCD displays are as follows:

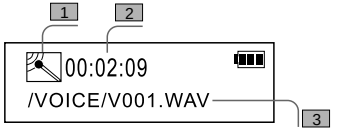
1. Recorded file information
2. Voice status mode
3. Current voice file number
4. Number of stored voice files



Note: The recorded file only can be in WAV format instead of MP3 format.

Start recording

In voice mode under the stop state, press “REC” button to start recording, the LCD display is as follows

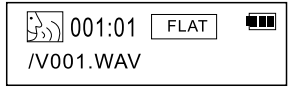


Stop recording

Press “REC” button again to stop recording, LCD displays as the previous page shows.

Playback recorded file

The operation procedure is the same as music playback (Ref. P. 10-11).



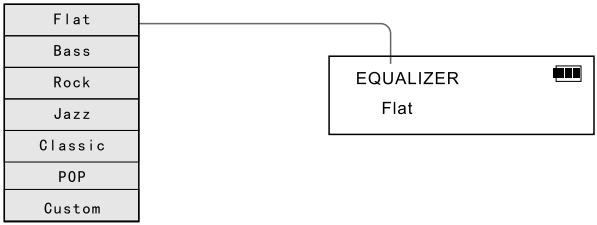
Name the recorded file

For the large quantity of recorded files, it is suggested that you rename each file with an easily recognized name.

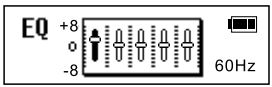
Note: A-B Segment repeat function only works under the play/pause mode and it can't work under recording or stop mode. Press “REC” for a while and then users can adjust the EQ mode in play/pause/stop status. Users can't use this function in recording mode.

The EQ setting

Press “MENU” button to enter the menu interface, press “⏭” “⏮” for the EQ setting, press “MENU” button to confirm. All together 7 modes for this setting (for another method please Ref. P.12)



When you choose the equalizer mode, you can press “⏭” and “⏮” to enter the CUSTOM mode to customize your own equalizer settings. First of all, press the “Menu” button to confirm. Then, you may press “⏭” or “⏮” to choose on different frequency range. Finally, press “VOL+” and “VOL-” to increase or to decrease each frequency range by your own preference.

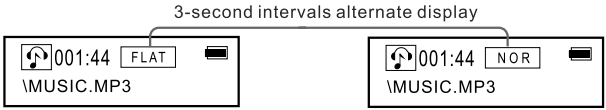


Repeat mode

Press “MENU” button to enter the interface as the following picture shows, press “⏭” “⏮” for the repeat mode and press “MENU” button to confirm. Long press on “MENU” button to cycle the play mode, altogether 5 playing modes are included.

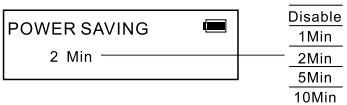
Repeat Mode and Sound Effect LCD Display

The digital player will display repeat mode and sound effect in 3-second intervals alternately at the same position.



Power Saving

This function consists of five different idle time settings while the digital player is in music mode or voice mode. The digital player will be switched off automatically after the idle period for saving battery. The digital player can also be set to forbid automatic switch-off. Press the "MENU" button to enter the menu screen, then press " ▶▶| or |◀◀ " to select power saving setting. Press the "MENU" button to confirm your selection.



Backlight

This consists of three settings of backlight: When you operate the digital player in idle status, the backlight will turn on automatically for convenience of use at night. You can set the time the backlight is on, or you can choose to have the backlight always off or always on. Press the "MENU" button to enter the menu screen, then press " ▶▶| or |◀◀ " to select backlight setting. Press the "MENU" button to confirm your selection.

Backlight color

This item includes 7 types of backlight color. You can select your favorite color and the corresponding color will display when you operating the player. Press the “MENU” button to enter the menu screen, the press “⏭” or “⏮” to select backlight setting. Press the “MENU” button to confirm your selection.

Language

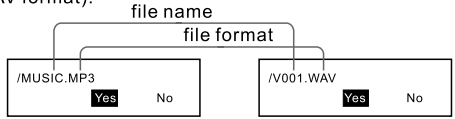
There are various types of languages to choose. Press the “MENU” button to enter the menu screen, then press “⏭ or ⏮ ” to select language setting. Press the “MENU” button to confirm your selection.

Erase files

Press the “MENU” button to enter the menu screen, then press “⏭ or⏮ ” to select deletion setting. Press the “MENU” button to confirm your selection.

Delete file

Following the step of the previous page enter into the delete mode, choose the file you want to delete, press “MENU” enter the relevant choice, press “VOL +,VOL -” to cycle selecting “Yes/No” and then the “MENU” button to confirm. Press ⏭ or ⏮ to choose the corresponding file with it's name display (the file you will delete should be in the WAV format).



When the file is deleted, it displays as below and return to the status as the above picture shows, press ▶II to exit and return the delete mode.

Delete Successful

System information

Press “MENU” button to enter the menu interface, press “ ⏭ or ⏮ ” button to choose about, press “ MENU” button to confirm and then the information about this player may display as below.

VERSION: :x.xxx
MEMORY: :xx/xxxMB

EXIT

Press “MENU” to enter the menu interface, press “ ⏭ or ⏮ ” button to choose backward then “MENU” to confirm and backward to the music/voice mode (the latest setting mode)

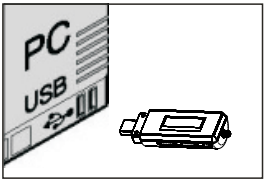
Note: As some components would take up space in the flash memory, it is normal to find out that the available memory size is less than normal.

Note: Under this mode, 10 seconds standby time can cause the machine to return to music playing/voice mode (the latest setting one)

CONNECTION WITH COMPUTER

Requirement for computer system

1.Operating system: Microsoft Windows 98 SE, Windows Me, Windows 2000, Windows XP
2.CPU: Intel Pentium3, Pentium 4 and other CPU with equivalent functions.
3.Memory: above 64 MB
4.HD: 200MB idle memory and above
5.Interface: full-speed USB
6.CD-ROM

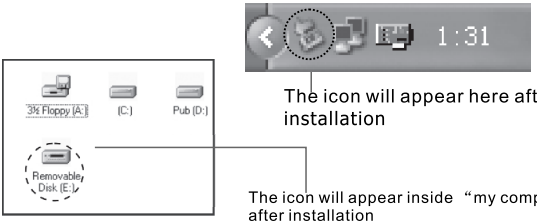


Connect with computer

Connect the player to the computer with the USB cable provided.

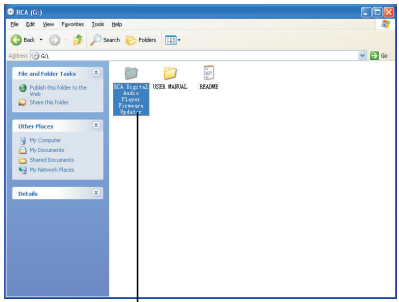
Installation of the communication software

No additional driver software is required for Windows 2000/Me/XP & Macintosh after connecting the player to the computer via USB. It will be recognized automatically as a “Removable drive” for Windows 98 SE, please install the driver software from CD-ROM provided.

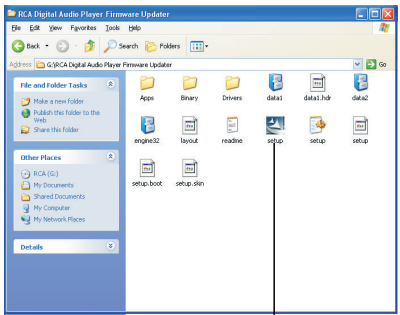


Windows 98 SE CD-ROM installation

Put bundled CD-ROM into computer, and follow the instruction to finish the installation.

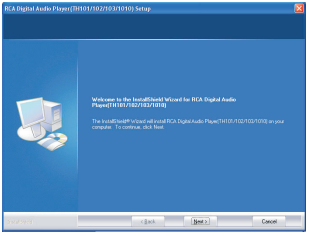


WINDOWS98 SE/ME/ 2000/XP/ Installation driver and software updater

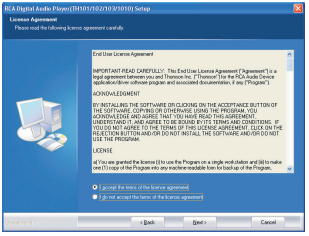


Double click SETUP . EXE to start installation

1


RCA Digital Audio Player(TH101/102/103/1010) Setup
Welcome to the InstallShield Wizard for RCA Digital Audio Player(TH101/102/103/1010)
The InstallShield® Wizard will install RCA Digital Audio Player(TH101/102/103/1010) on your computer. To continue, click Next.
< Back
Next >
Cancel

2


RCA Digital Audio Player(TH101/102/103/1010) Setup
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IMPORTANT-READ CAREFULLY: This End User License Agreement ("Agreement") is a legal agreement between you and Thomson Inc. ("Thomson") for the RCA Audio Device application/driver software program and associated documentation, if any ("Program").
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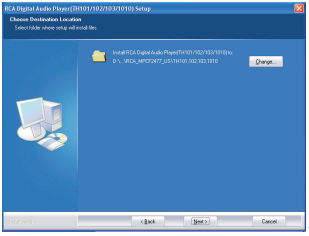
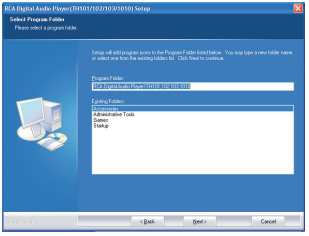
I accept the terms of the license agreement
I do not accept the terms of the license agreement
< Back
Next >
Cancel

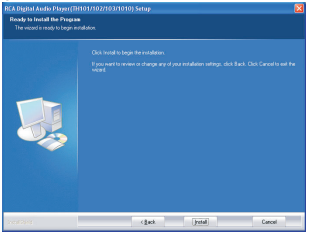
3


RCA Digital Audio Player(TH101/102/103/1010) Setup
Choose Destination Location
Select folder where setup will install files.
Install RCA Digital Audio Player(TH101/102/103/1010) to:
D:\...\RCA_MP3\2477_US\TH101.102.103.1010
Change...
< Back
Next >
Cancel

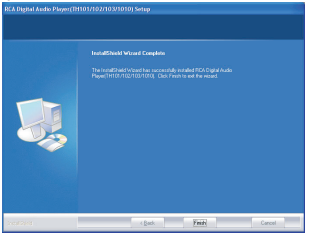
4


RCA Digital Audio Player(TH101/102/103/1010) Setup
Select Program Folder
Please select a program folder.
Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing folders list. Click Next to continue.
Program Folder:
RCA Digital Audio Player(TH101/102/103/1010)
Existing Folders:
Accessories
Administrative Tools
Games
Startup
< Back
Next >
Cancel

5

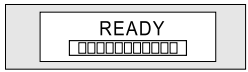

RCA Digital Audio Player(TH101/102/103/1010) Setup
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
< Back
Install
Cancel

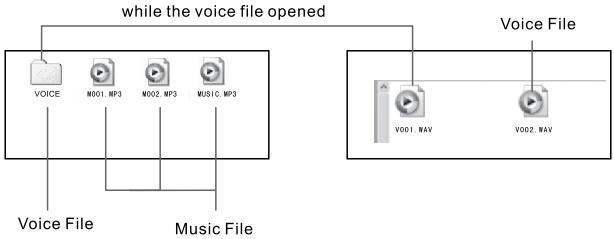
6


RCA Digital Audio Player(TH101/102/103/1010) Setup
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed RCA Digital Audio Player(TH101/102/103/1010). Click Finish to exit the wizard.
< Back
Finish
Cancel

Save and rename downloaded music and voice files

After successfully connecting the player to the computer, it will appear as a “Removable disk” Double click this disk, it will show as in the following illustrations.

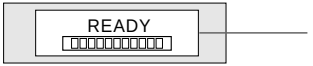




Note: While the file is deleted, it may disappear until the new recording start.

Note:This player can recognize and play music files in either MP3 or WMA formats, while the voice player only supports the WAV format.

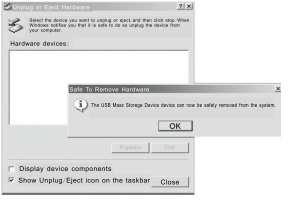
The operating procedure of the removable flash disk is the same as any normal USB storage device. Users may copy files to relevant folder. You may also rename it for your own convenience.



this icon may display after proper connected with the computer

Disconnection with computer

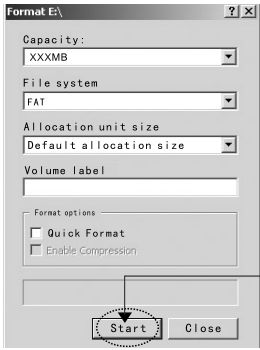
The switch on/off buttons will not function when the digital player is linked up with the computer. To disconnect with the computer, please operate as follows, hit the right button and the "Safe Delete Hard Disk" will appear with a dialogue box. Confirm and disconnect accordingly.


Unplug or Eject Hardware
Select the device you want to unplug or eject, and then click stop. When Windows notifies you that it is safe to do so unplug the device from your computer.
Hardware devices:
Safe To Remove Hardware
The USB Mass Storage Device device can now be safely removed from the system.
OK
Properties
Stop
Display device components
Show Unplug/Eject icon on the taskbar
Close

Note:DO NOT unplug the player from the computer's USB port until Windows prompt that it is safe to do so. Otherwise data loss or even physical damage to the player may occur. Our company will not be responsible for any damage/loss caused by inappropriate operation .

Formatting

Apart from the above-mentioned operations, the digital player can also be formatted. Hit the right button on the keyboard and a window will appear. **Make sure the format chosen for formatting must be "FAT" .** If others formats like "FAT32" or "NTFS" are chosen, the digital player will lose the function of playing music and can only perform as a mobile hard disk. To restore the functionality of the digital music player, choose "FAT" format again for re-formatting.



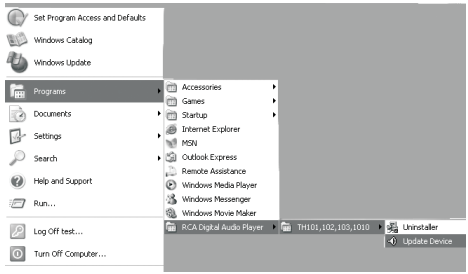
Note: Please do not format the player frequently, it may cause damage and influence the life of the player.

Note: please format the player if you encounter the following situations
1.the problems can't be solved after referring to the General questions & answers
2.The player can't delete / read / record the file or the files have been damaged.

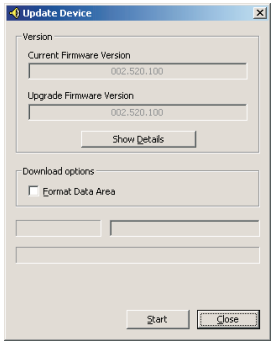
Update the player

Use the installation driver on computer to update and maintain firmware

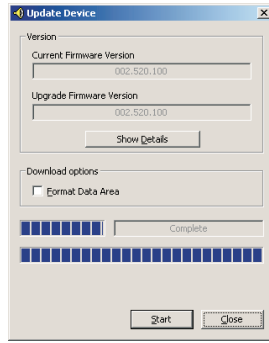
1. Connect the player to computer,and run "Update device" on PC port



2. Then click "Start" button to start installation



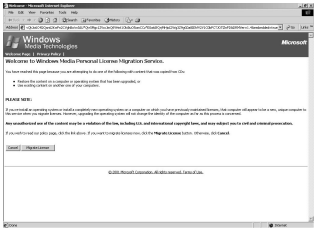
3. Click "Close" to exit after finishing installation



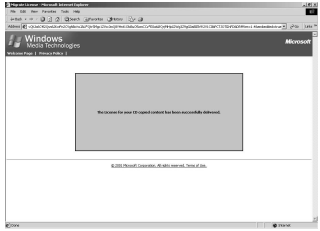
Digital Rights Management of Documents

There is a copyright protection measure for WMA formatted songs to protect songs from being illegally copied without obtaining the necessary authorization from the owner. As such, users should not download songs without proper authorization and play with this digital player. Users should pay attention to the format of the musical document and the type of player used to play the musical document.. There are different means of obtaining proper authorization and payment details for different players and hence users should go to the website of the particular player for details of the above. Users need to carry out the following instructions to obtain the necessary authorization and then proceed to download and save in the player if they want to play songs without the proper auth orization. (This process is based on the example of the authorization process of Version 9 of the Windows Media Player).

1. Ascertain if the computer has installed the software Windows Media Player. A copy of the software can be downloaded from the Microsoft website http://www.microsoft.com/windows/windowsmedia. (The Windows Media Player software is provided free by Microsoft Corporation for playing WMA formatted songs).
2. Start the “document” in the Windows Media Player menu and “open” a WMA formatted song with no proper authorization. If the user has not obtained the individual permit to play, the digital player will automatically link up with the Microsoft Corporation website (as shown in Diagram 1) and after the user successfully obtains the approval (as shown in Diagram 2), the WMA formatted song can be opened.

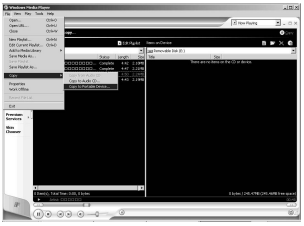


（Picture 1）

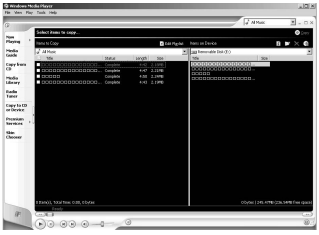


（Picture 2）

3. After finishing the above, it is now possible to open WMA formatted songs with no proper authority as shown in Diagram 3.



（Picture 3）



（Picture 4）

4. After finishing the above, connect the player using the right USB connecting cable. Choose the “mobile drive” and hit “duplicate” to copy the music and save it under the “mobile drive” as Drive I is shown in Diagram 4.

Notice:

1.The document will automatically be saved to under VOICE document file when the user selects it and it can only be played under the VOICE mode (in WAV format). It can be played under the music mode again if saved under other than the VOICE mode.

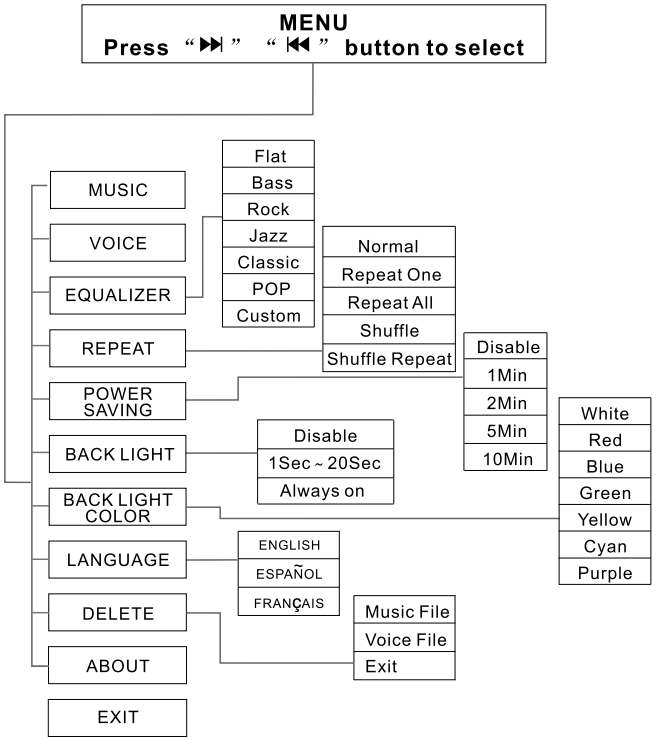
2.Only musical documents that can be played using the Windows Media Player can be duplicated, saved and played using this player.

3.It is only when the player can play the musical document can the same player be used to duplicate and save the music to this product.

4.The operation and functioning of players will be different depending on the version of the player. Please refer to the operating manual for actual details of the operation of player of a particular version level.

General questions & answers

Problems	Possible causes	Suggested solutions
● Unable to switch on the player	● Check if battery is exhausted ● Check if battery is correctly loaded	● Change new batteries ● Reload batteries again according to “+” and “-” signs correctly
● No sound from the earphone	● Loose plug ● Volume is “0” ● Check the battery status ● Check the plug for whether it has been oxidized or covered by any dirty stain ● Damage to the MP3 or WAV files	● Re-plug the earphone ● Increase the volume ● Change the battery ● Clean the plug ● Re-download related files
● No display on the LCD screen	● Wrong language setting ● No support for a particular language.	● Set the correct language ● Browse our website for latest version
● Can't upload/download MP3/WMA/WAV files	● Check the battery status ● Check the connection to PC ● Out of memory	● Change the battery ● Reconnect the USB cable ● Delete files to release more memory
● Cannot record voice	● No more space in memory	● Delete some files in order to release more storage space


MENU
Press “⏭” “⏮” button to select
MUSIC
VOICE
EQUALIZER
REPEAT
POWER SAVING
BACK LIGHT
BACK LIGHT COLOR
LANGUAGE
DELETE
ABOUT
EXIT
Flat
Bass
Rock
Jazz
Classic
POP
Custom
Normal
Repeat One
Repeat All
Shuffle
Shuffle Repeat
Disable
1Min
2Min
5Min
10Min
Disable
1Sec ~ 20Sec
Always on
White
Red
Blue
Green
Yellow
Cyan
Purple
ENGLISH
ESPAÑOL
FRANÇAIS
Music File
Voice File
Exit

U.S. Limited Warranty

EN

What your warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- One year from date of purchase.

The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

What we will do:

- Provide you with a new, or at our option, a refurbished unit. The exchange unit is under warranty for the remainder of the original product's warranty period.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

How to make a warranty claim:

- Properly pack your unit. Include any cables, etc., which were originally provided with the product. We recommend using the original carton and packing materials.
- Include evidence of purchase date such as the bill of sale. Also print your name and address and a description of the defect. Send via standard UPS or its equivalent to:

Thomson Inc.
Product Exchange Center
11721 B Alameda Avenue
Socorro, Texas 79927

- Insure your shipment for loss or damage. Thomson accepts no liability in case of damage or loss en route to Thomson.
- Pay any charges billed to you by the Exchange Center for service not covered by the warranty.
- A new or refurbished unit will be shipped to you freight prepaid.

What your warranty does not cover:

- Customer instruction. (Your Owner's Manual provides information regarding operating Instructions and user controls. For additional information, ask your dealer.)
- Installation and set-up service adjustments.
- Batteries.
- Damage from misuse or neglect.
- Products which have been modified or incorporated into other products.
- Products purchased or serviced outside the USA.
- Acts of nature, such as but not limited to lightning damage.

U.S. Limited Warranty

EN

Product Registration:

- Please complete and mail the Product registration Card packed with your unit. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Limitation of Warranty:

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- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your product outside the USA:

- This warranty does not apply. Contact your dealer for warranty information.

RCA

user
manual

Software
Installation
File Transfer

Installation des
software
Transfert de
musique

Instalación de
logiciel
Trasferencia de
Música

It is important to read this instruction book prior to using your new product for the first time.
Es importante leer este manual antes de usar por vez primera su euipo.

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EN

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The descriptions and characteristics given in this document are given as a general indication and not as a guarantee. In order to provide the highest quality product possible, we reserve the right to make any improvement or modification without prior notice. The English version serves as the final reference on all products and operational details should any discrepancies arise in other languages.

Before You Begin

Dear RCA Customer,
Thank you for purchasing the RCA Digital Audio Player. Our products will play open mp3 and Windows Media™ audio (WMA) content and for certain models, content purchased from most online music download services.

After purchasing and downloading music to your PC, you are now ready to move content to your player. To transfer the music, you may use the applications recommended by the online music download service.

Computer System Requirements

- Pentium III 500MHz or higher recommended
- Windows® 98SE, Me, 2000, or XP
- Internet Explorer 4.0 or higher
- Internet access
- 100MB free hard disk space for the software
- 64MB RAM (128 MB recommended)
- CD-ROM drive capable of digital audio extraction
- USB port (2.0 recommended)
- Sound card

Warning:

Use of this product is for your personal use only. Unauthorized recording or duplication of copyrighted material may infringe upon the rights of third parties and may be contrary to copyright laws.

Before You Begin

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What's so special about this mp3 player?

This player is meant to play mp3 and Windows Media™ audio files transferred in the built-in flash memory. To do so, you need the use of a Windows computer with USB port and a music management software (Yahoo! Music Engine or Window Media Player recommended).

The Music Management CD that comes with your Digital Audio Player contains all of the necessary software components you need to make your Digital Audio Player work properly.

These components do the following:

- to install USB driver (for Windows 98SE users only),
- to use a music management software to organize your music collection,
- to enable you to transfer files from your computer to your Digital Audio Player.

Getting Started

Inserting the Included CD-ROM into CD-ROM Drive

1. Turn on your computer and place the Music Management CD that comes with your digital audio player into your computer.

Note:
Don't connect the USB device to the PC or digital audio player before or during the CD-ROM installation.

If you're running Windows ME/ 2000/ XP, no additional drivers are required. If you're running Windows 98SE, you must install the USB drivers from the CD-ROM in order for the digital audio player to function properly.

2. If the setup screen does not appear, double click My Computer, double click your CD-ROM drive icon, and double click "Install" to run the installer.

Note: The Music Management CD may contain one or more music management software that can help transfer music content to your digital audio player. Please refer to the section on your installed software for basic transfer operations.

Connecting to the Computer

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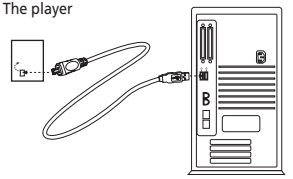
Connecting the Player to the Computer

Connect the Digital Audio Player to your computer. If a USB connection cable is provided, connect it to the player first before the computer. The larger end of the cable should be connected to the computer while the smaller end to the player.

The player



Some models can be directly connected to the USB port of the computer. If necessary, an optional USB extension cable can be used.

The digital audio player will appear as a removable disk drive.

Note

It might take several seconds for the device (the Digital Audio Player) to be detected, especially in Windows 2000/XP. Click Refresh in My Computer or Explorer to make sure the device has been detected.

Note

The Digital Audio Player is capable of transferring files at full-speed when a USB 2.0 connection is used. USB 2.0 is up to 40 times faster than USB 1.1. If a USB 2.0 port is available on your computer, use it to connect to your Digital Audio Player. The player is still backward compatible with the older USB 1.1 ports. However, you will not be able to take full advantage of the potential speed increase.

Transferring Music

Transferring Files to a Digital Audio Player

Depending on the availability of software on your Music Management CD specific to your digital audio player, you can transfer files to your Digital Audio Player via 1) Yahoo! Music Engine (Windows XP only), 2) Windows Media Player or 3) Windows Explorer (requires no software installation).

If your Digital Audio Player isn't already connected to your computer, connect it to the computer using the provided USB cable as illustrated on the previous page.

- Transferring files via Yahoo! Music Engine (Windows XP only) - refer to page 6,
- Transferring files via Windows Media Player - refer to page 8,
- Transferring files via Windows Explorer (drag-and-drop) - refer to page 9.

Attention
Do not disconnect the USB connection during music download. Doing so may corrupt system files or the files being downloaded.

Note
• Secure music download files can be transferred to your player through Windows Media Player or Yahoo! Music Engine. (Note: Services and applications must be Windows Media audio-compliant and support Digital Rights Management. Windows XP with Service Pack 1 required.) (Apple iTunesTM music content is not supported).

For more information on Yahoo! Music Engine, visit
http://music.yahoo.com/musicengine

For more information on Windows Media Player, visit
http://www.microsoft.com/windows/windowsmedia.

• Some wma files may be DRM protected. You must acquire licenses for DRM protected wma files before they can be played on the player. For more information, go to
www.microsoft.com/windows/windowsmedia/drm

Transferring Music

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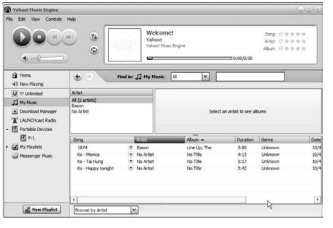
Transferring Files via Yahoo! Music Engine (Windows XP only)

Yahoo! Music Engine lets you manage your music easily and organize like a pro. Create your own playlists: music for work, the gym, or even dinner. You can also buy music and transfer to your digital audio player in seconds. Just drag and drop and you 're done. For more information on the installation and operations, please visit: http://music.yahoo.com/musicengine/



1. Launch the Yahoo! Music Engine.
2. Attach the digital audio player to your computer. You should see the Jukebox name appear in the left navigation pane.
3. In the Yahoo! Music Engine, click My Music or click on a playlist on the left navigation pane.
4. From a playlist (*My Playlists* in the left navigation pane): at the bottom of the Yahoo! Music Engine window, click the **Transfer to Device** button and select the drive letter to where the playlist is to be transferred. OR
5. From My Music: drag and drop files from My Music to the digital audio player. (You may also drag artists and albums from My Music).
6. The Yahoo! Music Engine will check to see if there is sufficient storage space on the device to copy the songs. If not, you will have to reduce the number of songs you are transferring.

Note: Yahoo! Music Engine only works on Windows XP. with Service Pack 1 or higher.

Attention
Make sure all data are transferred to the Digital Audio Player before unplugging the USB connection.

Transferring Music

Yahoo! Music Unlimited: Supercharge the Engine

Yahoo! Music Unlimited is a subscription service with access to over 1 million songs, plus much more. For a low monthly price, you can:

- add any of those million songs to your personal music library to listen,
- transfer to your digital audio player,
- share with others*,
- buy burnable downloads,
- listen to LAUNCHcast Plus, the commercial-free radio service.

To subscribe, click Y! Unlimited in the left navigation pane then click on the graphic offering you a 7-day free trial.

If you have a Yahoo! ID, you will be taken through the account setup process. If you do not have a Yahoo! ID, you will be prompted to sign up for a free Yahoo! account, then you will be taken through the Y! Music Unlimited setup process.

For more information, please visit: http://music.yahoo.com

* Yahoo! Music does not permit copying or transferring music files to other users.

Transferring Music

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Transferring Files via Windows Media Player

If you want to take your music collection with you, you can easily synchronize items in your library to your digital audio player. The Sync feature in the latest version of Windows Media Player and allows you to synchronize files in categories and playlists in your library to your digital audio player. For complete details, see the "Synchronizing media to your device" topic in the Windows Media Player help documentation.

1. Connect your player to the computer and open Windows Media Player, select Library from the menu bar, a screen will appear as below:

2. From the left column, select the songs, categories and/or playlist items you want to copy to the player.
3. Drag the selected items to the right column.
4. Select Sync from the menu bar, a screen will appear as below:

5. Select Start Sync, the selected items will now be automatically transferred to your player.

Attention

Make sure all data are transferred to the Digital Audio Player before unplugging the USB connection.

Transferring Music

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Transferring Files via Windows Explorer (Drag and Drop)

From Windows Explorer, highlight all the files/folders you want to transfer to your Digital Audio Player and drag them to the drive letter that is associated with it.

Attention
Make sure all data are transferred to the Digital Audio Player before unplugging the USB connection.

Attention
Some wma files may be DRM protected and they must be transferred to your player via music management software that supports Windows Media DRM such as Yahoo! Music Engine and Windows Media Player. You cannot listen to these protected files if transferred via Windows Explorer.
For more information, go to www.microsoft.com/windows/windowsmedia/drm

Profiling (Model Dependent)

Some models need to be profiled after file transfer. Profiling helps sort audio files on your player so that you can view in the navigation menus and play them properly.

Please check the player's user manual if this step is necessary on your player. Follow the instruction to profile your newly transferred files.

Disconnecting the Player

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Disconnecting Your Player from the Computer

For Windows XP, from the System Tray, double click the left mouse button on the icon and select *Safely Remove Hardware*. Select the drive corresponding to your player and click **STOP**.

Safely Remove Hardware
Select the device you want to unplug or eject, and then click Stop. When Windows notifies you that it is safe to do so unplug the device from your computer.
Hardware devices:
USB Mass Storage Device
THOMSON LYRA_MPR245E_EU USB Device
Generic volume - (D:)
THOMSON LYRA_MPR245E_EU USB Device at Location 0
Properties
Stop
Display device components
Close

The *Stop a Hardware device* screen appears. Select the device to be stopped again for confirmation and click **OK**.

Stop a Hardware device
Confirm devices to be stopped. Choose OK to continue.
Windows will attempt to stop the following devices. After the devices are stopped they may be removed safely.
USB Mass Storage Device
Generic volume - (D:)
THOMSON LYRA_MPR245E_EU USB Device
OK
Cancel

You can also stop your player by left clicking on the icon from the system tray and selecting the drive corresponding to your player.

Before disconnecting the USB connection from the computer or the Digital Audio Player, be sure the "*Safe to Remove Hardware*" message is displayed.

Attention

If you want to go back to USB mode for file transfer at this stage, you need to unplug and connect the player to the PC again.

Attention

Make sure all data are transferred to the Digital Audio Player before unplugging the USB connection.

The description on this page is based on Windows XP. If you are running other operating systems, there may be some differences. See the Windows Help for details about safely removing hardware.

Troubleshooting Tips

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Problem	Checkpoints / Action
After connecting the player to computer, "USB connected" does not appear on the display.	• Make sure the device is powered on. Some players do not automatically come on when plugged into the computer. • Make sure that the USB connections to the computer and device are securely in.
Cannot access the player via Windows 2000 computer.	• Install the Service Pack 3 for Windows 2000. Visit www.windowsupdate.microsoft.com to check for the latest updates.
Cannot playback tracks on the player.	• Make sure audio tracks are encoded in the mp3 or Windows Media formats at supported bitrates. Please check the player's user manual for bitrates supported. • WMA files may be DRM protected and you don't have the proper rights (license) to play the files. Check the website and/or application help system of the music download service provider from where the content was purchased from for license acquisition details. For more information on how license acquisition works, go to www.microsoft.com/windowsmedia/drm
What does the PlaysForSure logo mean? (available on certain models)	PlaysForSure is a new logo program from Microsoft®. Consumers can match the PlaysForSure logo on a large selection of devices and online music stores. If you see the logo, you'll know your digital media will play for sure. For more information on the Microsoft PlaysForSure program, visit www.PlaysForSure.com. For more information on RCA PlaysForSure devices, visit www.rca.com.

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